

In the Abstract:

Please delete all text at page 15, lines 2 to 24.

Please add a new paragraph at page 15 after line 24 as follows:

In an arrangement for measuring the torque of rotating machine parts with a strain measuring bridge, the output signals of the bridge's strain gages are amplified with an amplifier and are converted into frequency-proportional signals in a synchronous voltage-frequency converter fed with a quartz-controlled frequency. A PLL synchronization circuit suppresses the alternating frequency jitter of the synchronous voltage-frequency converter output to produce an output frequency signal proportional to the analog strain measurement signal. The frequency-modulated measurement signals on the rotor side are inductively transmitted via a transmitter circuit to a stator, on which an evaluating circuit produces corresponding analog or digital signals from the frequency-modulated measurement signals.

[RESPONSE CONTINUES ON NEXT PAGE]